

What is claimed is:

1 1. A system for adjusting optical disc drives,
2 comprising:

3 an optical disc drive component, comprising a
4 rotating disc and a reflector located on the
5 rotating disc;

6 a monitor;

7 a switch box, coupled to the monitor;

8 an autocollimator, coupled to the switch box,
9 located above the rotating disc, for sensing a
10 tilt angle of the reflector on the rotating
11 disc and transmitting signals to the switch box
12 to display a first bright spot on the monitor;

13 a host, coupled to the switch box, for calculating
14 the tilt angle of the optical drive component
15 and transmitting signals to the switch box to
16 display a second bright spot on the monitor;
17 and

18 an adjustment mechanism for adjusting the optical
19 drive component and switching signals from the
20 autocollimator and the host using the switch
21 box, enabling the first bright spot from the
22 autocollimator to coincide with the second
23 bright spot from the host.

1 2. The system as claimed in claim 1, wherein the
2 switch box is a TV tuner.

1 3. The system as claimed in claim 1, wherein the
2 monitor is a cathode ray tube monitor.

1 4. The system as claimed in claim 1, wherein the
2 monitor is a liquid crystal display.

1 5. A system for adjusting optical disc drives,
2 comprising:

3 an optical disc drive component, comprising an
4 optical pickup head, a rotating disc, and a
5 reflector located on the rotating disc;

6 a monitor;

7 a switch box, coupled to the monitor;

8 an autocollimator, coupled to the switch box,
9 located above the rotating disc, for sensing a

10 tilt angle of a reflector on the rotating disc,
11 and transmitting signals to the switch box to
12 display a first bright spot on the monitor;

13 a reader, reading a bar code of the optical pickup
14 head;

15 a host, coupled to the reader and switch box,
16 calculating the tilt angle of the optical drive
17 component according to the bar code content and
18 transmitting signals to the switch box to
19 display a second bright spot on the monitor;
20 and

21 an adjustment mechanism, adjusting the optical drive
22 component and switching signals from the
23 autocollimator and the host using the switch
24 box to, enable the first bright spot from the
25 autocollimator to coincide with the second
26 bright spot from the host.

1 6. The system as claimed in claim 5, wherein the
2 bar code content of the optical pickup head refers to a
3 tilt angle with an optimum jitter value of the optical
4 pickup head.

1 7. The system as claimed in claim 5, wherein the
2 reader is a bar code reader.

1 8. The system as claimed in claim 5, wherein the
2 switch box is a TV tuner.

1 9. The system as claimed in claim 5, wherein the
2 monitor is a cathode ray tube monitor.

1 10. The system as claimed in claim 5, wherein the
2 monitor is a liquid crystal display

1 11. A method for adjusting optical disc drives,
2 comprising steps of:

3 sensing a tilt angle of a rotating disc located on
4 top of a spindle motor using an autocollimator;
5 outputting a first bright spot according to the tilt
6 angle from the rotating disc to a monitor
7 through a switch box;
8 calculating a tilt angle of an optical pickup head
9 through a host;
10 outputting a second bright spot according to the
11 tilt angle from the optical pickup head through
12 the switch box; and
13 adjusting the first bright spot to coincide with the
14 second bright spot to obtain an optimum tilt
15 angle of the optical drive.

1 12. A method for adjusting optical disc drives,
2 comprising steps of:

3 sensing a tilt angle of a rotating disc located on
4 the top of a spindle motor using an
5 autocollimator;

6 outputting a first bright spot according to the tilt
7 angle from the rotating disc to a monitor
8 through a switch box;

9 reading a bar code set on an optical pickup head
10 using a reader;

11 calculating a tilt angle of the optical pickup head
12 according to the bar code content through a
13 host;

14 outputting a second bright spot according to the
15 tilt angle from the optical pickup head through
16 the switch box; and

17 adjusting the first bright spot to coincide with the
18 second bright spot to obtain an optimum tilt
19 angle of the optical drive.

1 13. The method as claimed in claim 12, wherein the
2 bar code content refers to a tilt angle with an optimum
3 jitter value of the optical pickup head.